

Claims

- [c1] I claim,
1. A UV absorbing and free radical neutralizing composition comprising;
 - (i) At least one divalent or polyvalent metal zeolite, and
 - (ii) A cosmetically or pharmaceutically acceptable delivery system or a carrier base composition.
 - [c2] 2. A composition according to claim 1, wherein divalent or polyvalent metal zeolite is selected from zinc zeolite, titanium zeolite, or a combination thereof.
 - [c3] 3. A composition according to claim 1, wherein divalent or polyvalent metal zeolite is made by an in-situ process from a metal derivative and an aluminosilicate zeolite composition.
 - [c4] 4. A composition according to claim 1, wherein zeolite composition is selected from a group of aluminosilicates that can be either in hydrated or anhydrous forms.
 - [c5] 5. A composition according to claim 1, wherein metal zeolite composition is a topical sunscreen composition.
 - [c6] 6. A composition according to claim 1, wherein metal

zeolite composition is a UV absorber composition.

- [c7] 7. A composition according to claim 1, wherein metal zeolite composition is a Free radical neutralizing composition.
- [c8] 8. A composition according to claim 1, wherein a cosmetically acceptable delivery system or a carrier base is selected in the form of a lotion, cream, gel, spray, thin liquid, body splash, mask, serum, solid cosmetic stick, lip balm, shampoo, liquid soap, bar soap, bath oil, paste, salve, powder, collodion, impregnated patch, impregnated strip, skin surface implant, diaper, and any other such cosmetically or pharmaceutically acceptable topical delivery forms.
- [c9] 9. The compositions according to claim 1, wherein the cosmetically or pharmaceutically acceptable delivery system is traditional water and oil emulsions, suspensions, colloids, microemulsions, clear solutions, suspensions of nanoparticles, emulsions of nanoparticles, powders, or anhydrous compositions.
- [c10] 10. A composition according to claim 1, wherein cosmetically or pharmaceutically acceptable delivery system or carrier base optionally includes additional skin beneficial ingredients selected from skin cleansers, surfactants

(cationic, anionic, non-ionic, amphoteric, and zwitterionic), skin and hair conditioning agents, vitamins, hormones, minerals, plant extracts, anti-inflammatory agents, collagen and elastin synthesis boosters, UVA/UVB sunscreens, concentrates of plant extracts, emollients, moisturizers, skin protectants, humectants, silicones, skin soothing ingredients, antimicrobial agents, antifungal agents, treatment of skin infections and lesions, blood microcirculation improvement, skin redness reduction benefits, additional moisture absorbents, analgesics, skin penetration enhancers, solubilizers, moisturizers, emollients, anesthetics, colorants, perfumes, preservatives, seeds, broken seed nut shells, silica, clays, beads, luffa particles, polyethylene balls, mica, pH adjusters, processing aids, and combinations thereof.